

How to connect from GakuNin RDM to QRDM

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**Division of Research Data Service,
Data-Driven Innovation Initiative,
Kyushu University**

GakuNin RDM is a research data management system provided by the National Institute of Informatics (NII) that allows researchers to manage and share their research data and related materials. You can connect and use external storage when using GakuNin RDM. This is how you can connect QRDM, a research data storage system provided by Kyushu University, to GakuNin RDM.

1. Setup in QRDM

QRDM is a data management system that uses Nextcloud to store and access data. Nextcloud is an open source file hosting service that allows users to store and share files online.

How to log in to QRDM

To access QRDM, follow these steps:

1. Visit QRDM at <https://qrdm.dx.kyushu-u.ac.jp/>.
2. Enter your SSO-KID credentials to log in.

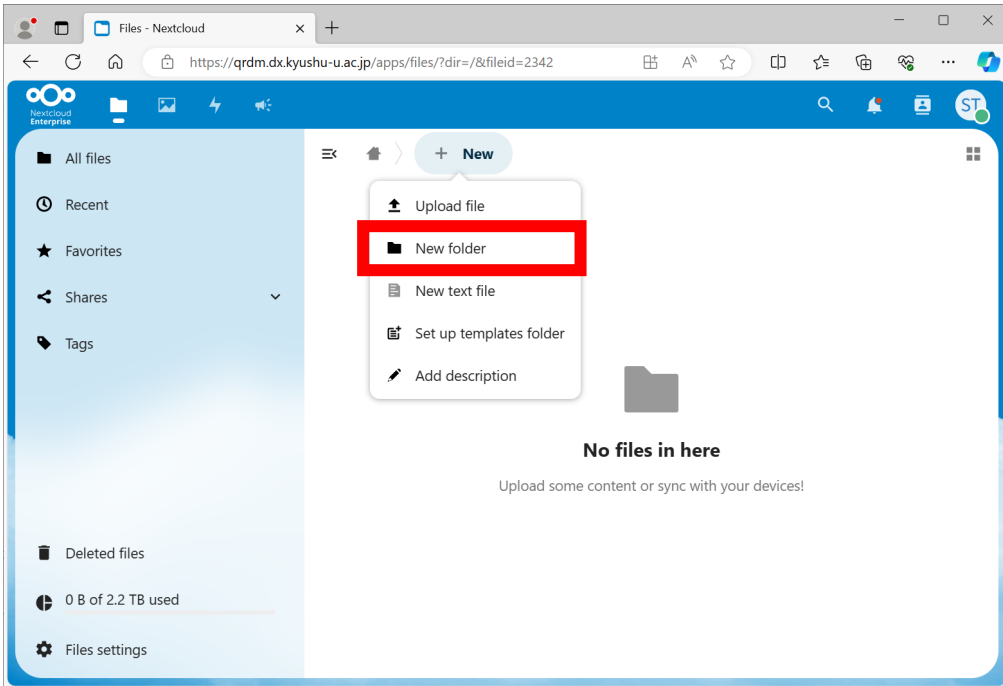
Once you are logged in, you can access the QRDM storage system and manage your research data efficiently.

Note: Access to QRDM is limited to the university campus only

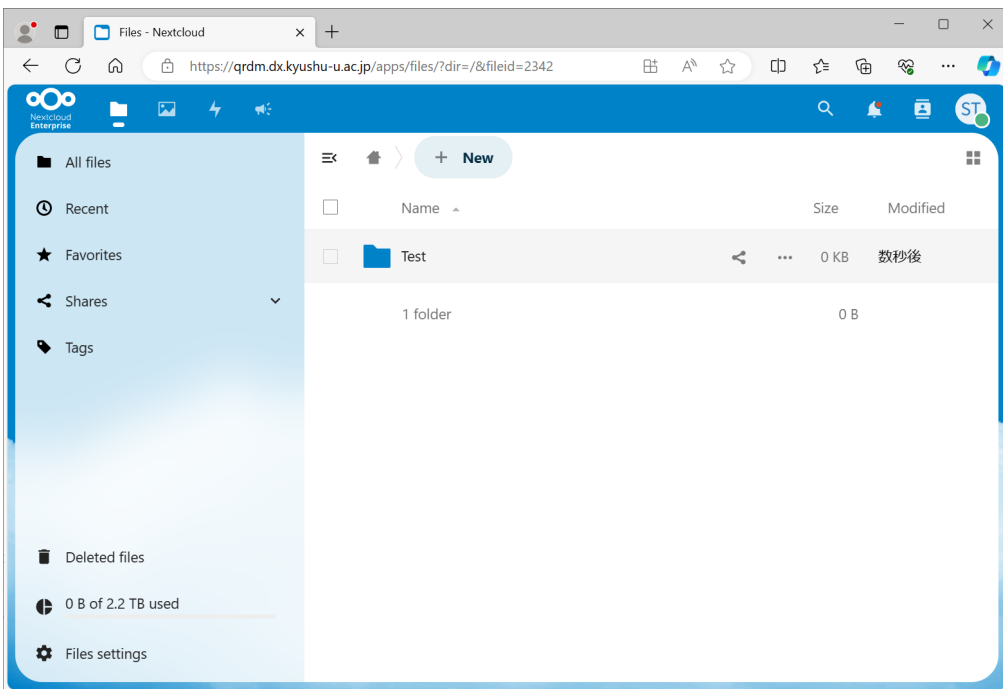
Create a folder to store your files

In QRDM, you can create folders to organize your projects and control access rights. To create a new folder, follow these steps:

1. Click on the “+New” button and select “New folder”.
2. Type a name for your folder and create it.



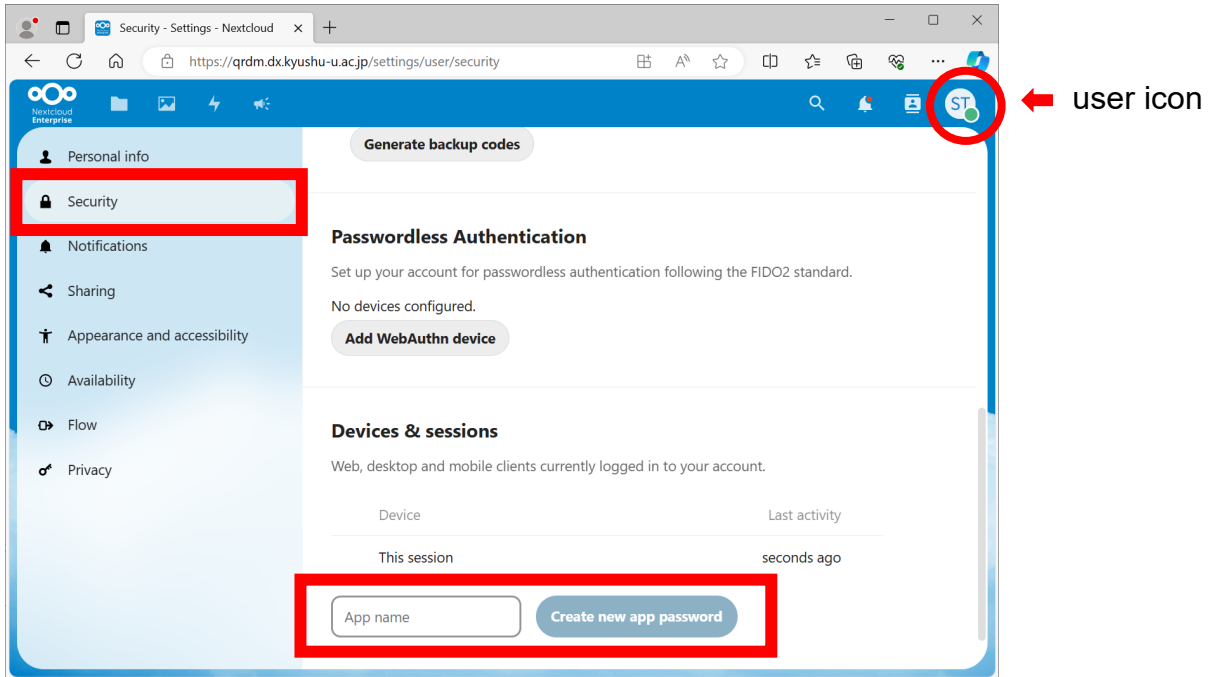
We have created a folder named “Test” for demonstration purposes.



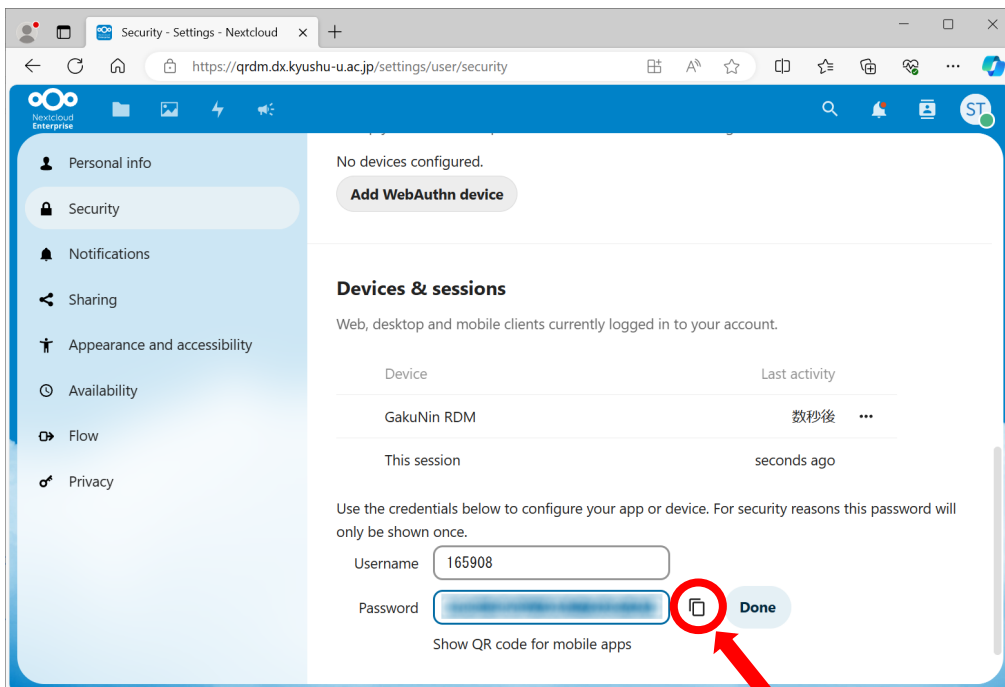
How to set up an app password

To connect from GakuNin RDM with an app password, follow these steps:

1. Click on the user icon at the upper right corner and select “Settings”.
2. Go to the “Security” screen.
3. Scroll down to the bottom of the page.



To generate an app password, type the name of the app and click “Create new app password”. For example, we typed “GakuNin RDM” and generated an app password. The user ID and password shown here will not be displayed again, so make sure to save them. Manage your user ID and password securely.



You have completed the QRDM setup

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Q: What is an app password?

A: To access QRDM using web browsers, you will log in with your SSO-KID. However, if you are logging in to QRDM from an app or device, you can use an app password alternatively. Please note that by using an app password, you will be able to access all of your folders and files in QRDM, so it is important to manage it securely.

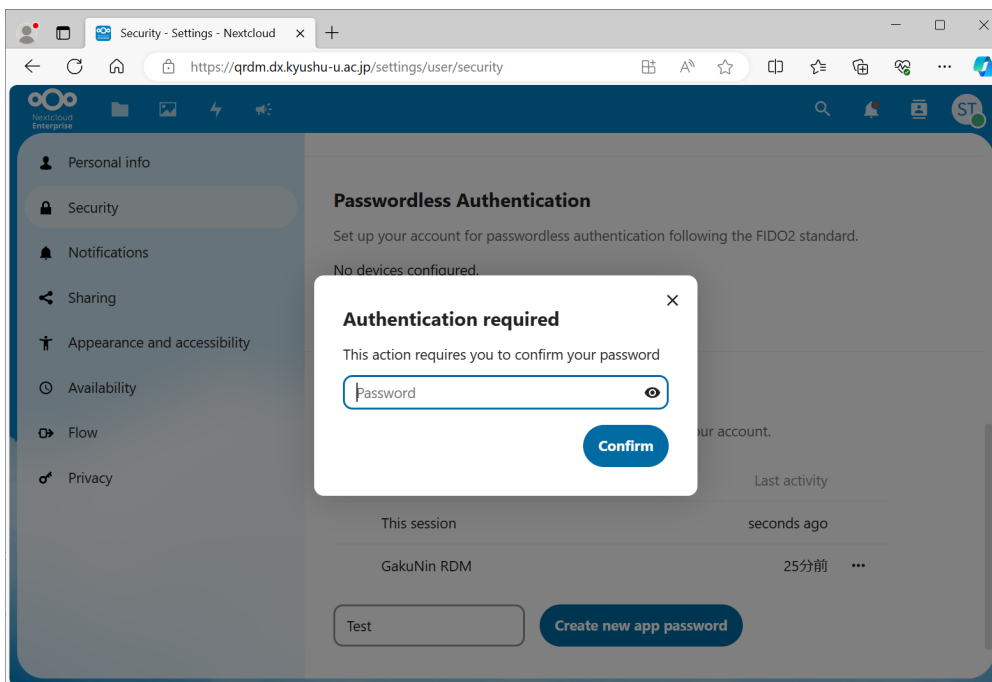
Q: Can the name of the app be anything? Can I use the same app name multiple times?

A: The app name can be anything, but make sure it's descriptive and unique. You can use the same app name as many times as you like, but it can be confusing and risky to distinguish between them, for example, when you delete them.

Q: Does the person with whom the file is shared need to know the user ID and password of the app password?

A: Only the QRDM account holder needs to know them, and there is no need to disclose them to the person with whom the file is shared.

Q: When I created an app password, I saw a pop-up that said "Authentication required" and asked me for a password, as shown below. What should I enter?



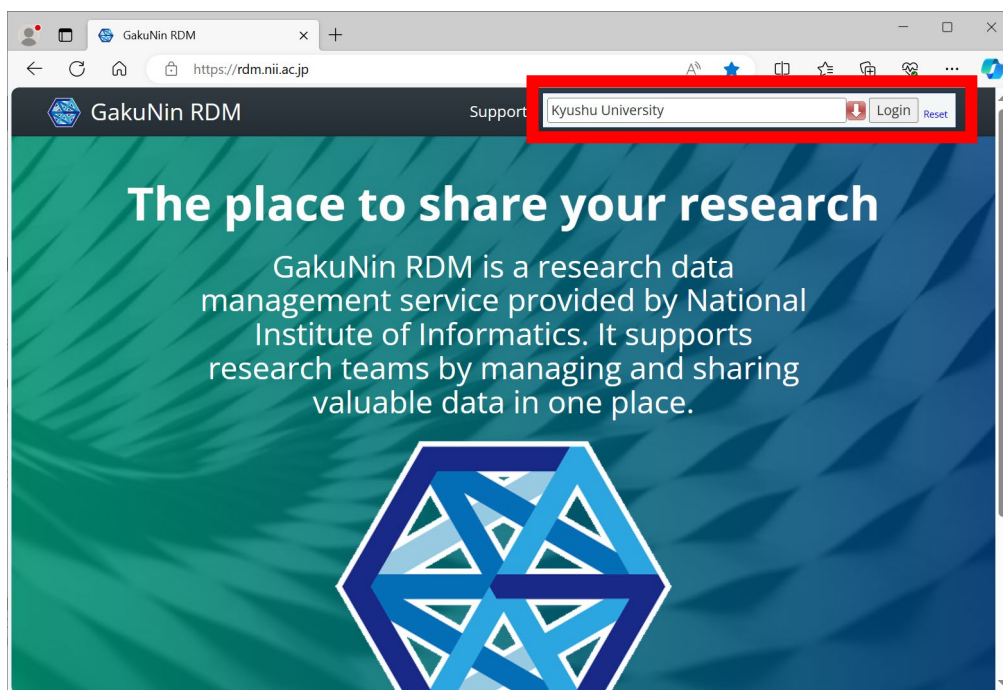
A: Because QRDM uses SSO-KID authentication, you cannot enter a password here. If you log out of QRDM (Nextcloud) and log in again with your SSO-KID, you will not see the "Authentication required" message. You can log out by clicking the user icon at the upper right corner.

2. Setup in GakuNin RDM

GakuNin RDM allows you to manage and share your research data by creating projects. Before you connect QRDM, you need to create a project that links to it. To create a project, click the “Create new project” button on the dashboard after you log in to GakuNin RDM. For more details on how to log in to GakuNin RDM and create projects, see [the official manual](#).

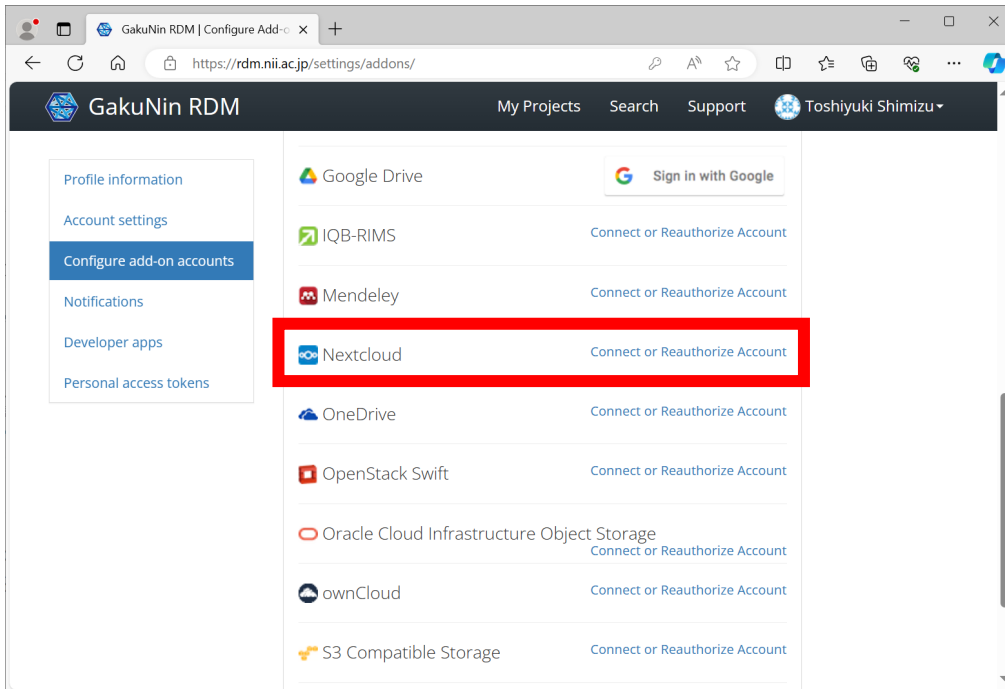
How to log in to GakuNin RDM

Visit GakuNin RDM at <https://rdm.nii.ac.jp/>, select “Kyushu University” as your institution and log in with your SSO-KID.

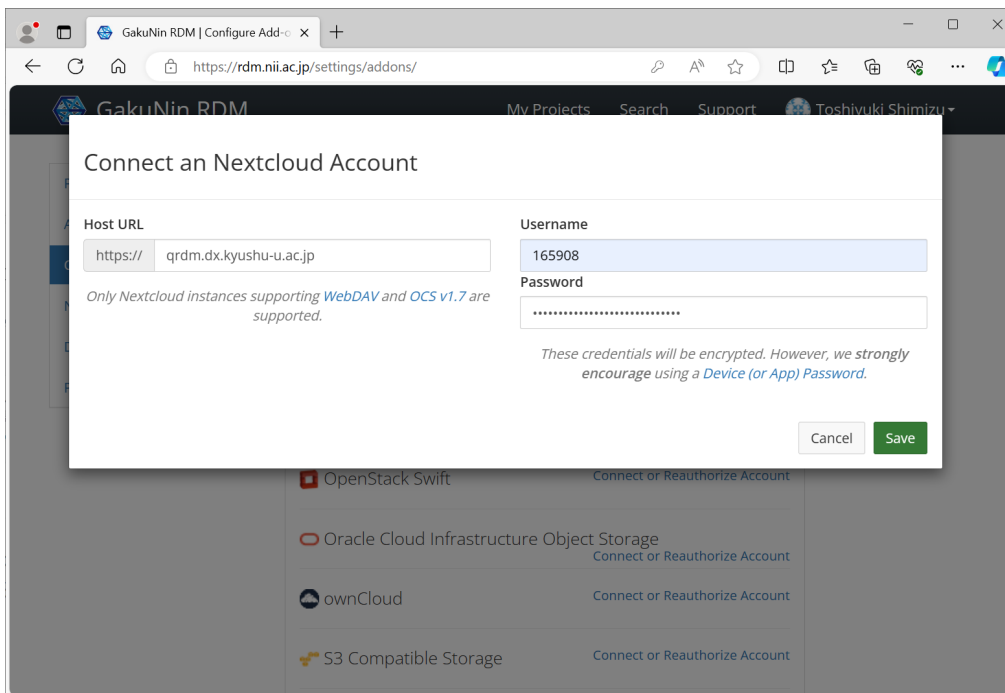


How to configure add-on account settings

Click the user icon (user name) at the upper right corner and select “Settings”. Go to the “Configure add-on accounts” screen. Choose “Nextcloud” from the list and click “Connect or Reauthorize Account”.

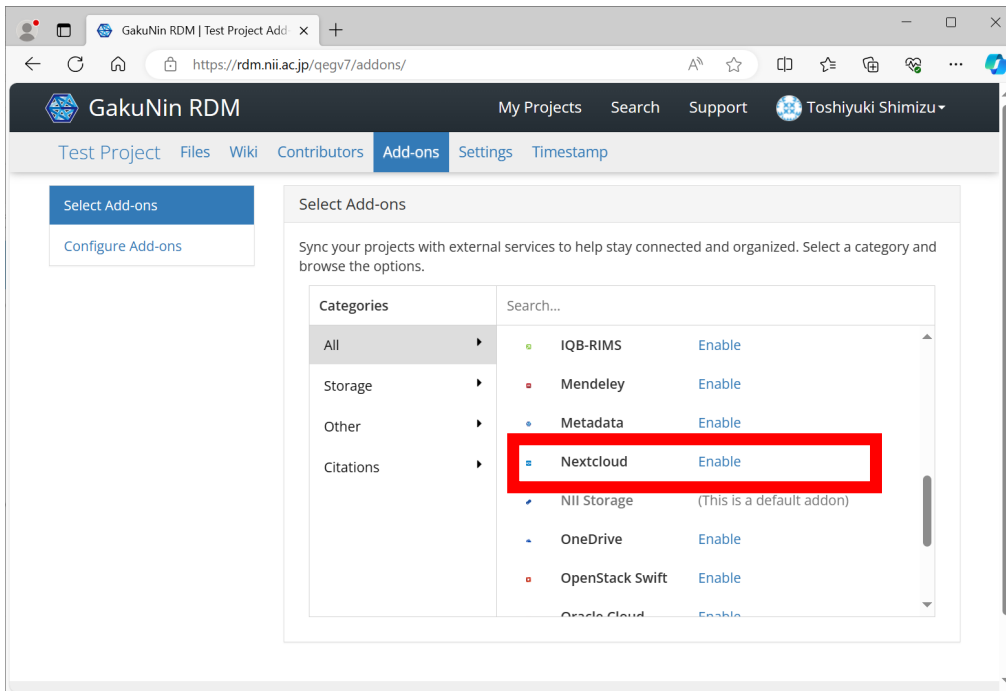


Type “qrdm.dx.kyushu-u.ac.jp” as the Host URL, type the app password you just generated with QRDM as the Username and Password, and click “Save”.

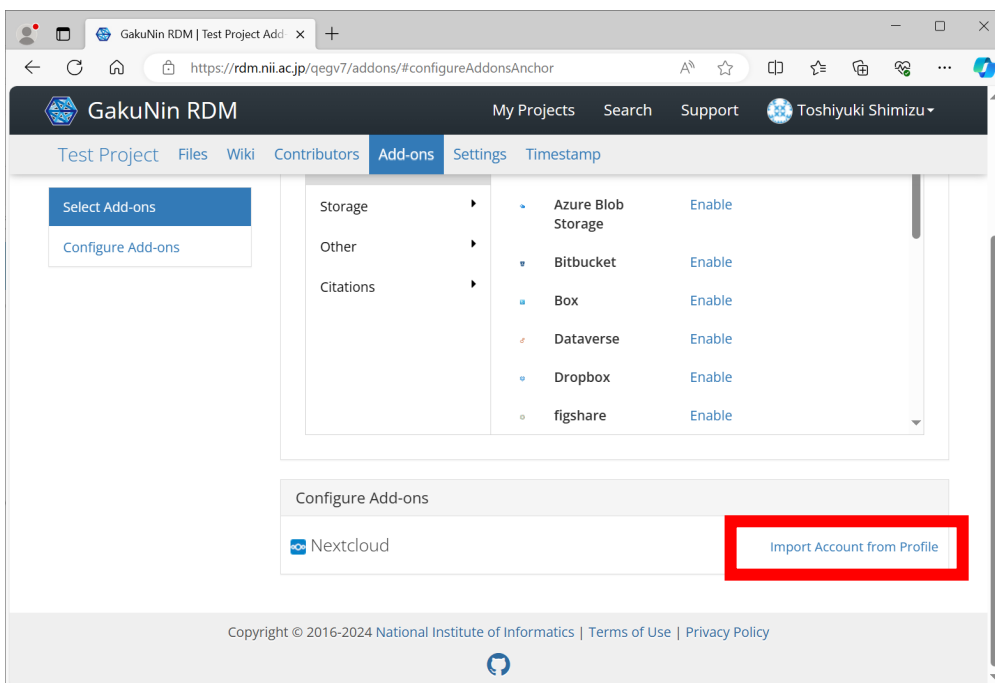


How to add or change add-ons for the project

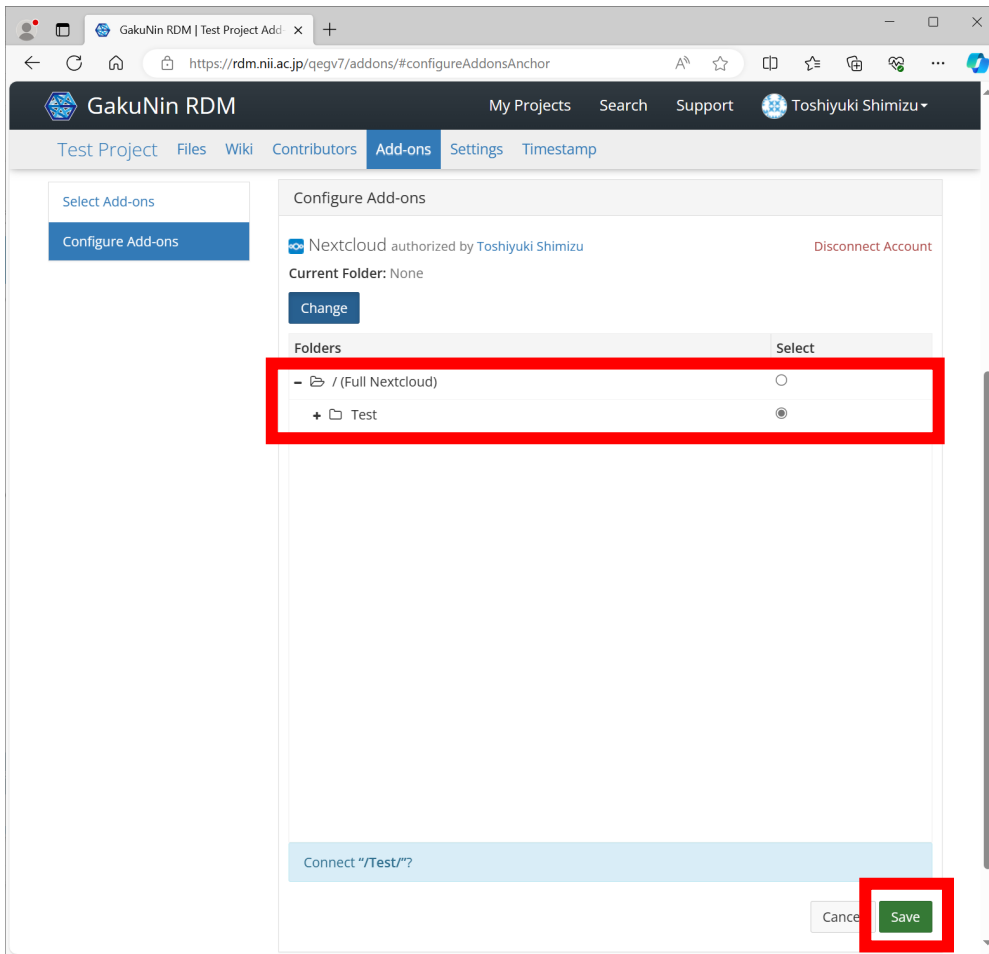
Next, go to the “Add-ons” screen of your project and choose “Nextcloud” from the “Select Add-ons” menu. This will enable QRDM storage for your project. You will see the terms and conditions, so please read them carefully and agree to them.



Next, click on “Configure Add-ons” and then click on “Import Account from Profile”. A confirmation dialog will appear, so please check it and click “Import”.



Finally, select the folder you want to connect and click “Save”. Here, we have connected to the “Test” folder created on QRDM.



The connection from GakuNin RDM to QRDM is complete. You can confirm the connection to the “Test” folder in the project’s “Files” screen.

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Q: Can I connect to the root folder (Full Nextcloud)? It seems more convenient that way.

A: It is not recommended because it becomes difficult to manage who can access which files when connecting to QRDM from multiple projects. Please decide which folder to use for each project and connect to it.

Q: The folder I connected to can no longer be loaded from GakuNin RDM. (“[Folder name] couldn’t load” is displayed)

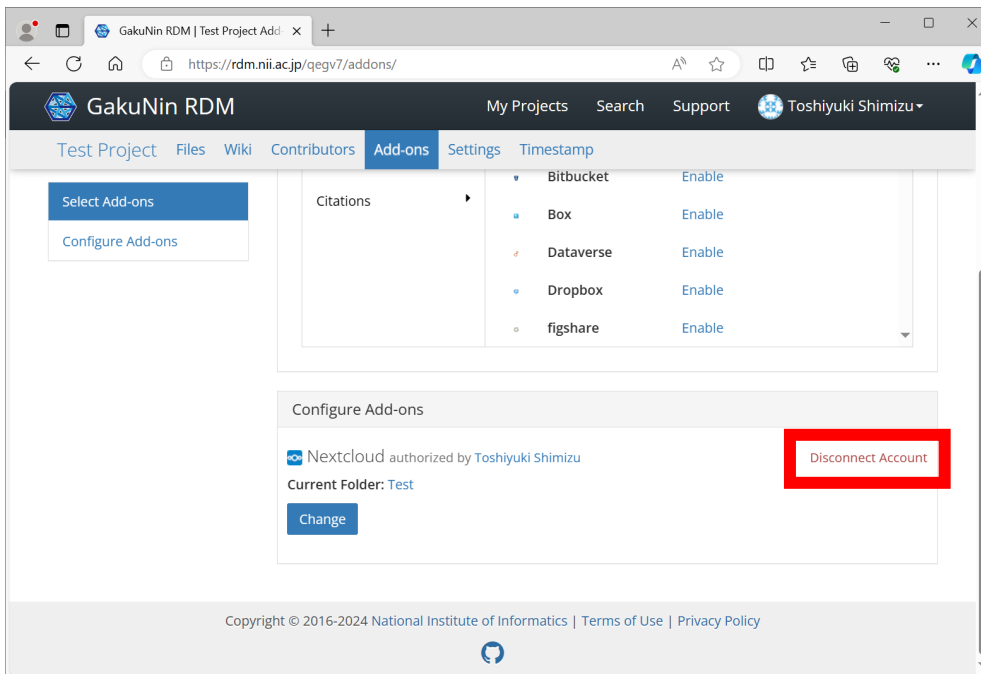
A: If you have changed the folder name in QRDM, it may cause GakuNin RDM to fail to load the folder and display the message “[Folder name] couldn’t load”. Please reconnect to the folder after changing the folder name in the “Configure Add-ons” screen of the project.

3. Things to Note

When connecting from GakuNin RDM to QRDM, the contents of the connected folder are synced. By following the above steps, you can access the QRDM “Test” folder from the GakuNin RDM interface. This means if you add files to the “Test” folder on the QRDM interface, the file will be shared with the GakuNin RDM project. Please be careful not to share unintended data.

4. How to disconnect

To disconnect, go to the “Configure Add-ons” screen of the GakuNin RDM project that connected to QRDM and click “Disconnect Account” for Nextcloud.



To reset your connection settings, do the following.

1. To disable “Nextcloud” from the “Add-ons” screen of the GakuNin RDM project, select “Nextcloud” from the “Select Add-ons” list and click “Disable”.
2. To disconnect from Nextcloud, click on the user icon (username) in the upper right corner of the GakuNin RDM screen, select “Settings”, find “Nextcloud” from the “Configure add-on accounts” screen, and click “Disconnect Account”.
3. Log out of GakuNin RDM.
4. Log in to QRDM.
5. Click on the circular user icon in the upper right corner of the QRDM screen and select “Settings”. Go to the “Security” screen from the menu on the left side.

6. In “Devices & sessions” at the bottom, click “Revoke” for the app name created for the connection.
7. Log out of QRDM.

